

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

NOTICE OF DETERMINATION

To: Governor's Office of Planning and Research - State Clearinghouse
1400 Tenth St, Suite 222
Sacramento, CA 95814-5502
and
County Clerk, Dean Logan
County of Los Angeles
12400 E Imperial Hwy, Room 2001
Norwalk, CA 90650

From: South Coast Air Quality Management District
(South Coast AQMD)
21865 Copley Drive
Diamond Bar, CA 91765

Subject: Filing of Notice of Determination in Compliance with Public Resources Code Section 21152 and CEQA Guidelines Section 15096(i)

Project Title: City of Glendale Biogas Renewable Generation Project

State Clearinghouse (SCH) Number: 2017081062

Project Applicant: Glendale City, Glendale Water and Power - GWP (South Coast AQMD Facility ID Number 162556)

Project Location: Scholl Canyon Landfill, 3001 Scholl Canyon Road, Glendale, CA 91206

Lead Agency: City of Glendale
633 E. Broadway, Room 103
Glendale, CA 91206

Lead Agency Contact: Erik Krause,
(818) 548-2140

Responsible Agency: South Coast AQMD
21865 Copley Drive
Diamond Bar, CA 91765

Responsible Agency Contact: Sam Wang,
(909) 396-2649

Date of Project Approval: August 29, 2023

Project Description: The City of Glendale, as Lead Agency for the City of Glendale Biogas Renewable Generation Project (Project), prepared and certified the Final Environmental Impact Report (EIR) on November 30, 2021, pursuant to the California Environmental Quality Act (CEQA) as part of their December 1, 2021 approval of the Project. The Final EIR analyzed the construction and operation of a landfill gas to energy (LFGTE) facility capable of producing approximately 12 megawatts (MW) of electricity generation facility that would primarily utilize landfill gas (LFG) or a blend of LFG and natural gas as fuel to generate renewable electricity on-site. The Project includes the LFGTE facility with an existing piping system

that would be relocated, natural gas pipeline, a water pipeline, and two water storage tanks, all of which will be located on an approximately 2.2-acre site within the existing 535-acre Scholl Canyon Landfill (SCLF) site.

The Project will require South Coast AQMD air permits for: 1) a landfill gas treatment system; 2) a regeneration (regen) flare; 3) four reciprocating internal combustion engines (RICE) and associated air pollution control systems; and 4) an aqueous ammonia storage tank. Specifically, the Project involves processing LFG received from the SCLF through a new LFG treatment system which is designed to remove sulfur compounds and siloxanes before the LFG is combusted in four new identical RICEs. Any excess LFG will be retained by the SCLF and combusted in the existing flares operated by the SCLF. The four new RICEs, each rated at 4,183 brake horsepower (bhp), with a maximum fuel consumption of 26.34 million British thermal units per hour (MMBtu/hr) based on high heating value (HHV), and with an estimated output of 3 MW, are capable of combusting LFG or a blend of LFG and natural gas. As such, the RICEs will be subject to a permit condition that will allow natural gas to be utilized as supplemental fuel with a maximum blend ratio of 90 percent LFG and 10 percent natural gas. Any required natural gas will be provided via the new natural gas pipeline connecting the LFGTE Plant to the existing Southern California Gas Company (SoCalGas) pipeline system located at the end of School Canyon Drive. The exhaust of each RICE will be routed to a new air pollution control system, which includes an Oxidation Catalyst and a Selective Catalytic Reduction (SCR) system, before the exhaust is vented to the atmosphere through a separate stack. Aqueous ammonia reagent for the SCRs will be stored in a new 12,000-gallon storage tank. During the regeneration of the adsorption media in the LFG treatment system, the gases desorbed from the media (regeneration or regen gas) are routed to a new regen flare which is rated at a maximum of 5.0 MMBtu/hr (HHV) and is fired with LFG.

The City of Glendale adopted Findings and a Mitigation Monitoring and Reporting Program, as set forth in the City of Glendale City Council's Final EIR for the Project.

This is to advise that the South Coast AQMD, as the Responsible Agency, has approved the above-described Project and made the following determinations:

1. The Project will not have any significant effect on the environment after mitigation measures were applied.
2. A Final EIR for the City of Glendale Biogas Renewable Generation Project (SCH Number 2017081062) was prepared and certified by the City of Glendale, as Lead Agency for the Project, pursuant to the provisions of CEQA.
3. The City of Glendale adopted mitigation measures which were made a condition of Project approval.
4. The City of Glendale adopted Findings and a Mitigation Monitoring and Reporting Program.
5. The South Coast AQMD, after considering the Final EIR (SCH Number 2017081062), the Findings and Mitigation Monitoring and Reporting Program adopted by the City of Glendale, adopted its own

findings concerning impacts identified in the Final EIR (SCH Number 2017081062) associated with South Coast AQMD’s approvals.

- 6. These Responsible Agency Findings for the City of Glendale Biogas Renewable Generation Project reflect the independent judgment of the South Coast AQMD.

This is to certify that the following documents are available to the public and may be examined at South Coast AQMD located at 21865 Copley Drive, Diamond Bar, CA 91765: 1) the Final EIR with comments and responses, the Findings, and Mitigation Monitoring and Reporting Program adopted by the City of Glendale; 2) supporting materials and the record of Project approval by the City of Glendale; 3) the South Coast AQMD’s adoption of its own Findings as Responsible Agency; 4) supporting documentation provided by the applicant and City of Glendale; and 5) the record of Project approval by the South Coast AQMD.

Date Received for Filing: _____

Signature: _____



August 29, 2023

Sam Wang
Program Supervisor,
CEQA Intergovernmental Review,
Planning, Rule Development, and
Implementation